

From: Dettling, Diane
Sent: Thursday, June 26, 2014 12:31 PM
To: Moon, Wally; Liverman, Earl; Terada, Calvin; Rees, David
Cc: Weigel, Greg
Subject: RE: Kuhn Property Containers-Sand Creek near Laurier, WA

Team,

I spoke with Jerry French (Ecology Hazardous Waste & Toxics Reduction Program), and he indicated that this was not an emergency response due to the good condition of the drums. However, they are requesting that our program conduct a site investigation soon due to the nature of the drum/container contents. The Ecology Spills Program(Mark Stevens) is also in agreement.

After a discussion with Greg, we agreed that this should be considered for a Time Critical Removal Investigation.

Wally- (b) (6) , but Dave (as the geo-osc) indicated that he is available to go out next week.

Thanks.

Diane Dettling, Federal On-Scene Coordinator
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From: Moon, Wally
Sent: Thursday, June 26, 2014 11:11 AM
To: Liverman, Earl; Terada, Calvin; Dettling, Diane
Cc: Weigel, Greg
Subject: RE: Kuhn Property Containers-Sand Creek near Laurier, WA

Thanks Earl. Diane, as PDO, please do your due diligence to determine appropriate next steps. Greg, is acting ER Chief and UM till next week so he's cc'd here as well.

Di, please keep us informed as this moves along.

Thanks,
Wally

From: Liverman, Earl
Sent: Thursday, June 26, 2014 9:37 AM
To: Terada, Calvin; Moon, Wally
Subject: FW: Kuhn Property Containers-Sand Creek near Laurier, WA

Anyone interested as an ER or TC removal?

Earl Liverman
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From: French, Gerald (ECY) [<mailto:GEFR461@ECY.WA.GOV>]
Sent: Monday, June 23, 2014 11:06 AM
To: Liverman, Earl
Subject: Kuhn Property Containers-Sand Creek near Laurier, WA

Hello Earl,

Last Friday on 6/20 during a complaint investigation we conducted here in Spokane I told you about an Ecology investigation of abandoned mine chemicals near Sand Creek that is close to Laurier, WA. I am sending you information on containers of mining chemicals that Ecology had investigated on 6/19 up in Laurier, WA.

Ecology received a complaint from Mr. David Kuhn on May 19, 2014. (b) (6)

[REDACTED]
[REDACTED] Containers holding various chemicals were stored at the mine site.

(b) (6)

[REDACTED]

The Kuhn's live at (b) (6) near Laurier WA. Their mailing address is (b) (6) (b) (6), Kettle Falls, WA 99141. The Kuhn's phone number is (b) (6). (b) (6)

Driving directions to Kuhn property: (b) (6)

(b) (6)

Washington Department of Natural Resources (WADNR) wrote a report on the Talisman Mine titled: "INACTIVE AND ABANDONED MINE LANDS—Talisman Mine, Orient Mining District, Ferry County, Washington". WADNR Talisman Mine report link is at: http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/fsbdev3_035139.pdf. Page 6 and Figure 9 of the report shows the chemicals used at the Talisman Mine. The chemicals in the WADNR report are consistent with what Ecology observed on the Kuhn property.

Ecology investigated the Kuhn property containers on June 19, 2014. The containers were inspected and most were found to have original manufacturer markings and labels affixed to them. Containers were plastic. No leaking containers were found. Containers appeared to be fully or partially full. Containers appeared to generally be in good condition. The only exception was one drum that was setting upside down with a small hole on the bottom (bottom side up) and marked as holding methanol. Ecology did not open any of the containers.

GPS reading for approximate container location is: N48.92632 and W118.16592. The Kuhn property is on both sides of Sand Creek. The containers are approximately 350-400 feet north and uphill from Sand Creek. The slope grade from the containers south downhill to Sand Creek is approximately 6-8%.

The container inventory on the Kuhn property revealed the following information on each container:

- One 55 gallon drum marked as Ferric chloride.
- One 55 gallon drum marked as Sulphuric acid. DOT labeled as Class 8 Corrosive.
- One 55 gallon drum marked as Methanol- Drum was unloaded and set upside down on the ground. A small puncture hole was observed on the bottom of the drum which is why it was set upside down (bottom side up) to prevent leakage.
- One 30 gallon drum marked as Liquichlor (hypochlorite). DOT labeled as Class 8 Corrosive.
- One 30 gallon drum marked as 30% hydrogen peroxide. DOT labeled as Class 5.1 Oxidizer.
- One 30 gallon drum marked as Liquichlor.
- One 30 gallon drum marked as hyperchlorate.
- Five small bottles marked as Dextrin. Marked as C₆H₁₀O₅ and CAS 9004-53-9.
- Seven one gallon jugs marked as 30 % hydrogen peroxide. Two jugs were partially full and the rest were full. Some of the jugs were tie wrapped within original plastic bags.
- One small bottle marked as Tannic acid. CAS 1401-55-4.
- One small bottle marked as Magnesium dioxide. About ½ full.

- One small bottle marked as Nickel carbonate.
- Three 30 gallon drums not marked or labeled.
- Two 5 gallon drums not marked or labeled.

Field report of the drum inventory at the Kuhn property is attached. Ecology marked each drum with a number on duct tape and affixed to each container. Photo Log of containers is attached.

I am sending this information to you as you requested. I am hoping that the EPA Superfund CERCLA Emergency Response Unit will conduct an investigation of the containers located on the Kuhn property. It would be of great benefit to the Kuhn family and the environment if EPA Superfund could remove the drums from the Kuhn property and arrange to properly dispose of the chemicals. Contact me if you have any questions or need more clarification.

Jerry French
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